

Date: Sat, 30 Jan 93 14:29:17 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #140
To: Info-Hams

Info-Hams Digest Sat, 30 Jan 93 Volume 93 : Issue 140

Today's Topics:

Coaxial Dipole Construction (HELP!)
Contesting question
FCC rules
Ham Radio Causes Cancer!
hams/internet
I love/hate Wayne Green!
Info needed on 2m & 70cm Satellite connections.
Mods/tips/tricks for Standard C588/528 ?
quarter vs. half-wave vertical
Radio Frequency interference and My Cat
Reciprocal license ???
VHF Digital Communications
WALA Link

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 30 Jan 93 20:51:00 GMT
From: ogicse!emory!gatech!usenet.ins.cwru.edu!news.csuohio.edu!vmcms.csuohio.edu!
R0264@network.UCSD.EDU
Subject: Coaxial Dipole Construction (HELP!)
To: info-hams@ucsd.edu

In article <newman.728170891@irvin>
newman@alantec.com (Dave Newman) writes:

>

>mgustof@hfglobe.intel.com (Mark Gustoff) writes:
>
>>Some years ago I cut and article out of one
>>of the Ham magazines on Coaxial Dipole
>>construction. I don't remember what magazine,
>>and I don't even know what year, but I wish
>>to build one of these antennas for 28.4 mHz,
>>and I have no idea what dimensions the
>>coaxial section should be as opposed to the
>>wire ends. The antenna looked something like
>>this when completed:
>
>I seem to recall that this design provides for
>increased bandwidth (ie. greater range of frequicencies
>where the swr will be acceptable) but provide no
>increase in gain. So unless wide bandwidth is
>what you're looking for (ie. you want to cover
>ALL of 10meters!) then just go with a "regular"
>dipole. Some have argued that the increased BW
>must, of nessesity, come at the expense of gain.
>
>Dave
>KN6BX
QST, Feb 1993, shows a 2-meter coax dipole, & how to construct.
Phil, aa8jo.

Date: Sat, 30 Jan 1993 16:50:30 GMT
From: swrinde!emory!gatech!rpi!utcsri!skule.ecf!epas!brucerob@network.UCSD.EDU
Subject: Contesting question
To: info-hams@ucsd.edu

The novice roundup seems a good time to test out my new antenna and improve my code skills, but I'm not really interested in competing or filling out all those forms. Is it fair to contact someone who is in a contest (any contest) without yourself competing, or does this somehow mess up the verification process later on?

Thanks for your help,

Bruce Robertson VE3UWL (brucerob@epas.utoronto.ca)

Date: 30 Jan 93 02:43:37 GMT
From: olivea!mintaka.lcs.mit.edu!lynx!pclark@uunet.uu.net
Subject: FCC rules

To: info-hams@ucsd.edu

Would someone kindly post the chapter/section of the FCC rules that prohibit the use of a HAM station onboard an aircraft? I'm having an argument with someone in Email about it and don't have my rulebook handy.

Thanks in advance.

--

Peter Clark - pclark@lynx.dac.northeastern.edu
+ Empire - it's not just a game, it's an adventure
+ EMACS is computereez for a torture device

Date: 30 Jan 93 02:26:03 GMT
From: olivea!apple!rhn@ames.arpa
Subject: Ham Radio Causes Cancer!
To: info-hams@ucsd.edu

markm@bigfoot.sps.mot.com (Mark Monninger) writes:

>inaccurate and misleading report. Showing people using cordless phones
>(implying they were cellular phones) was bad enough, but claiming that
>cellular phones emit 'high energy microwaves just like microwave ovens'
>was too much. I guess it's a bit naive to expect accurate coverage of

What do you MEAN, INACCURATE??? I've been using my cordless phone to cook my
Geno's frozen pizza rolls ever since I cordless phone could be monitored by
hardened criminals with unmodified baby monitors over 75 miles away!

Date: Sat, 30 Jan 1993 02:43:25 GMT
From: news.cerf.net!netsys!agate!spool.mu.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!awds.imsd.contel.com!llyene!jato!lyman@network.UCSD.EDU
Subject: hams/internet
To: info-hams@ucsd.edu

I think someone maintains a list of hams on the internet.
(or something close to that)

It would be nice if someone would post pointers to that list,
and/or mail me the answer.

73
Peter

--

Peter T. Lyman -----|
| NET: lyman@SpaceSoft.Com TEL: 818-794-4170 |
| NET: lyman@jpl.nasa.gov FAX: 818-791-5020 |
-----73 de KK6QP ...--

Date: Sat, 30 Jan 1993 02:10:51 GMT
From: ucsnews.sdsu.edu!sol.ctr.columbia.edu!zaphod.mps.ohio-state.edu!sdd.hp.com!
caen!umeecs!umn.edu!lynx.unm.edu!nmsu.edu!opus!forozco@network.UCSD.EDU
Subject: I love/hate Wayne Green!
To: info-hams@ucsd.edu

I'm also a Wayne Green fan/hater. One thing that really surprised me,
was that the magazine passed that ABC audit about the circulation
claims, while most of the magazines don't want to be audited (strange
hu.?)

So far, I think 73 is the only magazine (except for Radio Fun) which
focuses in construction projects that you can home brew right out of
your junkbox.

I wonder if Mr. Green has access to USENET or at least an email
address...

de Luis

--

| | | | | | |
|--------------------------|---|---|---|---|---|
| Luis F. Orozco | N | 5 | U | H | B |
| forozco@dante.nmsu.edu | | | g | o | o |
| forozco@freedom.nmsu.edu | | | l | m | y |
| | | | y | e | |

Date: 28 Jan 93 08:03:11 EST
From: gatech!rpi!newsserver.pixel.kodak.com!psinntp!psinntp!arrl.org@uunet.uu.net
Subject: Info needed on 2m & 70cm Satellite connections.
To: info-hams@ucsd.edu

>Luck, I find it interesting that VUCC is available on satellites. I had
>heard about that change and in fact am working towards the new award, but
>find it a little strange. I have yet to work more than a couple of grids
>more than once. It's almost as though every contact adds a new grid for

>me. Have there been many satellite VUCC applications?
>

Not a bunch. Which is what makes it even more exciting for a newcomer with "only" a codeless Technician license, for example, and only a few watts of power on two meter packet. He can still work the world, and get one of what is presently a fairly rare certificate for his efforts.

See Page 97 of the February issue of QSt. There standing in his glory is Jussi, OH5LK, who would otherwise be a really FINE person, except that he got the FIRST VUCC satellite award, with a &*(^&&* total of Five Hundred and Sixty One grid squares!!!!

Argh....

And I'm working on my 74th one so far... Double Argh!

LH

| | | | |
|--|-------|--|--|
| | | | Deputy Manager, Field Services, ARRL. |
| | | | The ARRL Amateur Radio Emergency Service, the ARRL |
| | uck | | National Traffic System, The Amateur Auxiliary to |
| | ----- | | the FCC's Field Operations Bureau, the ARRL |
| | KY1T | | Field Organization and the ARRL Monitoring System. |

lhurder@arrl.org Prodigy - MGTS39A, BIX - ARRL,
MCI Mail - RPALM, MCI Mail - "ARRL HQ", America On Line - "ARRL HQ"
Compuserve - 70007,3373 (ARRL HQ) -- Genie ARRL.HQ

Date: 29 Jan 93 11:49:07 GMT
From: mcsun!uknet!root44!praxis!mikec@uunet.uu.net
Subject: Mods/tips/tricks for Standard C588/528 ?
To: info-hams@ucsd.edu

Hi Folks,

Could anyone with modifications, tips or keyboard tricks for the Standard C528 and/or C528 dual-band handies please mail them to me ?

Any review material eg comparisons with other similar rigs, would also be useful.

Thanks, Mike (G6DHU)

Date: 30 Jan 93 03:07:14 GMT
From: zaphod.mps.ohio-state.edu!cs.utexas.edu!qt.cs.utexas.edu!yale.edu!
ira.uka.de!math.fu-berlin.de!news.netmbx.de!Germany.EU.net!mcsun!fuug!
anon@uunet.uu.net
Subject: quarter vs. half-wave vertical
To: info-hams@ucsd.edu

X-Anon-To:rec.radio.amateur.misc

I'm using a quarter-wave Marconi vertical currently on 20m. I'm unfortunately fundamentally overloading my neighbor's telephone 100 ft away -- even with 50 watts out (I'm using a 90 dB lowpass filter).

Keeping everything else constant, would switching to a half-wave vertical, such as an R5 or R7 lessen the RFI?

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind system, any replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.

Date: Sat, 30 Jan 1993 11:05:33 GMT
From: tulane!ukma!johnr@ames.arpa
Subject: Radio Frequency interference and My Cat
To: info-hams@ucsd.edu

When I operate my ham radio my cat likes to sit on a nearby bookshelf and listen to all my contacts. Because I don't have the means to put up an external antenna I have a 4 foot mobile antenna which I sit on the same bookshelf and transmit from. For the past few years I have just been running a maximum of 50 watts out the antenna, but just recently my came across an old 1,000 watt amplifier. I hooked it up and besides the lights dimming a little when I transmit it works

great. I have made a number of c

ontacts because of it. Since my cat loves to sit on the bookshelf right next to the antenna I was wondering if I should worry about the 1,000 watts that are coming out of the antenna? Ever since I started using it I have noticed that the cat has a bald spot on its behind, but I am not sure if this is a normal development for an old cat anyway. Plus, he seems to be missing doorways by 6 or 8 inches fairly often. The thing that puzzles me is that sometimes he misses the doorway by 6 inches to the left a

nd sometimes by 6 inches to the right. I hope I can figure this out because he is starting to get bruises on his nose! Anyway, I heard some talk about RF causing cancer, but was wondering if it also causes strange things to happen with cats?

Thanks,
John

--

| | | |
|-------------------------------|-------------------------------|-----|
| -=> John S. Roberts, Jr. | Office: 100 McVey Hall | +=- |
| -=> Communications Consultant | Phone: (606) 257-2275 | +=- |
| -=> Computing Center | Home: (606) 272-1417 | +=- |
| -=> University of Kentucky | Ham: 146.76- pending DoD: 727 | +=- |

Date: 30 Jan 1993 03:08:21 GMT
From: netsys!agate!usenet.ins.cwru.edu!gatech!emory!swrinde!zaphod.mps.ohio-state.edu!saimiri.primate.wisc.edu!usenet.coe.montana.edu!news.u.washington.edu!stein.u.washington.edu!@news.cerf.net
Subject: Reciprocal license ???
To: info-hams@ucsd.edu

I am looking for any information about the "reciprocal license".

I am french and I am in the US (Seattle-WA) for 6 months. Last december I have sent an FCC FORM 610-A to the FCC. I am always waiting for any answer.

In the FAQ (amateur radio) I have read that this form is soon to be obsolete and that I should contact a local Volunteer Examiner to get a VE 60-day pass. Later I have heard that there is no 60-day pass for Seattle area.

HELP !!!

73, damien, dbillon@u.washington.edu

Date: Sat, 30 Jan 1993 15:24:40 GMT
From: swrinde!news.dell.com!natinst.com!cs.utexas.edu!zaphod.mps.ohio-state.edu!
howland.reston.ans.net!paladin.american.edu!gatech!kd4nc!ke4zv!
gary@network.UCSD.EDU
Subject: VHF Digital Communications
To: info-hams@ucsd.edu

In article <C1n2xL.n30@lila.com> dorsey@lila.com (Bill Dorsey) writes:
>Forgive me if this is in the FAQ for I just subscribed to this group.
>
>I've used HTs for analog voice communications for quite some time now, and
>have played a bit with packet radio. I've been disappointed by what appears
>to me to be a complete lack of digital radios designed for voice communica-
>tion. For a hobby that is traditionally centered around experimenting with
>technology, I found this a bit surprising.
>
>Perhaps I just haven't looked in the right places, but none of the stores
>or magazines I've looked in have sold any type of digital transceivers for
>voice use. I am quite interested in this technology, but would prefer to
>purchase ready-made equipment or kits rather than attempt to design some-
>thing myself. If anyone is aware of any such equipment, I would really
>appreciate hearing about it, along with sources from which I can purchase
>from.

Well Bill, I'm afraid you're going to have to roll your own. To my
knowledge there aren't any commercial amateur digital radios available.
GRAPES' 56 kb RF modem can be used with a CODEC to give you digital
voice, we've done it. And AMRAD has plans for spread spectrum conversions,
but nothing off the shelf.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: Sat, 30 Jan 1993 03:27:13 GMT

From: gatech!concert!samba!usenet@uunet.uu.net
Subject: WALA Link
To: info-hams@ucsd.edu

Apologies to folks not on the West coast, I can't seem to post to CA only..

Any hams out there use the WALA (Western Amateur Linking Association) Link? My ham club just got new duplexors for the linking system, and it's working great, and I'd like to check it out. Leave me email if you're interested in a QSO.

-ks
KD6RCT, San Luis Obispo, CA

--

The opinions expressed are not necessarily those of the University of North Carolina at Chapel Hill, the Campus Office for Information Technology, or the Experimental Bulletin Board Service.
internet: laUNCHpad.unc.edu or 152.2.22.80

Date: Sat, 30 Jan 1993 04:23:49 GMT
From: ucsnews.sdsu.edu!newshub.sdsu.edu!usc!howland.reston.ans.net!
zaphod.mps.ohio-state.edu!magnus.acs.ohio-state.edu!usenet.ins.cwru.edu!
news.ysu.edu!neoucom.edu!wtm@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1k24r4\$efm@agate.berkeley.edu>,
<1993Jan27.005128.27486@samba.oit.unc.edu>,
<weaverb.728109078@rintintin.Colorado.EDU>i
Subject : Re: Larsen "kulduckie" w/ HT - is it worth it?

In article <weaverb.728109078@rintintin.Colorado.EDU>
weaverb@rintintin.Colorado.EDU (Brian Weaver) writes:
>Kirk.Smith@launchpad.unc.edu (Kirk Smith) writes:
>
> I borrowed one of those Diamonds and I thought it sucked. Couldn't
>tell any difference over my stock duck on my w2a

The w2a has a pretty nice rubber duck antenna. I just swapped my 24at for a w2a. Mixed emotions about the deal. The 24at had a much healthier speaker, making use in loactions with loud ambient audio easier. The w2a also desenses more than the 24at.

I love the dual band features of the w2a. I wish I could combine the ergonomics of the 24at with the w2a's true dual band

capabilities.

Talk about junk-- the duck with the 24at is one of the worst dummy loads a.k.a antenna, second only to the duck that comes with the Yaesu 530.

Now, back to the point-- the Diamond RH77B is definitely better than the nice FA-1443B antenna that comes with the w2a. The performance of the FA-1443B is about the same as the kulduckie 2m/70cm antenna (which is what I usually used on my 24at).

If I can find a cheap 24at, I just might have to get that as a back-up unit for my w2a, since most of the accessories are compatible.

--

Bill Mayhew NEOUCOM Computer Services Department
Rootstown, OH 44272-9995 USA phone: 216-325-2511
wtm@uhura.neoucom.edu (140.220.1.1) 146.580: N8WED

Date: Sat, 30 Jan 1993 14:56:30 GMT
From: gatech!kd4nc!ke4zv!gary@uunet.uu.net
To: info-hams@ucsd.edu

References <Ef0HImS00WCq81V0xZ@andrew.cmu.edu>,
<paulf.728328061@abercrombie.Stanford.EDU>, <8600@lib.tmc.edu>9
Reply-To : gary@ke4zv.UUCP (Gary Coffman)
Subject : Re: LICENSE DELAYS

In article <8600@lib.tmc.edu> jmaynard@oac.hsc.uth.tmc.edu (Jay Maynard) writes:
>In article <paulf.728328061@abercrombie.Stanford.EDU>
paulf@abercrombie.Stanford.EDU (Paul Flaherty) writes:
>>Calls of the form NnxZx can be pretty tricky to pronounce. If it helps if
>>you pronounce the call "N Three N Zed Vee" rather than "N Zee Vee"; other
>>people will follow your lead. Enjoy!
>
>I use "K Five Zed C" for the same reason. That one can be even more confusing
>without either the zed or phonetics.

Yes, I agree. American pronunciation of E,Z,C,B, and V can all sound confusingly the same out of context on a noisy channel. I use Zed for general IDs, and when I want a new contact to understand the first time I use Kilo Echo Four Zulu Victor.

Gary

--

| | | | | |
|-----------------------------|--|--------------|--|--------------------------|
| Gary Coffman KE4ZV | | You make it, | | gatech!wa4mei!ke4zv!gary |
| Destructive Testing Systems | | we break it. | | uunet!rsiatl!ke4zv!gary |
| 534 Shannon Way | | Guaranteed! | | emory!kd4nc!ke4zv!gary |
| Lawrenceville, GA 30244 | | | | |

Date: Sat, 30 Jan 1993 15:34:20 GMT
From: swrinde!news.dell.com!natinst.com!cs.utexas.edu!zaphod.mps.ohio-state.edu!
howland.reston.ans.net!bogus.sura.net!udel!gatech!kd4nc!ke4zv!
gary@network.UCSD.EDU
To: info-hams@ucsd.edu

References <14570596@hpnmdla.sr.hp.com>, <jkcsfga@dixie.com>,
<1993Jan30.071824.2606@ccsvax.sfasu.edu>s.sura.n
Reply-To : gary@ke4zv.UUCP (Gary Coffman)
Subject : Re: Ham Radio Causes Cancer!

In article <1993Jan30.071824.2606@ccsvax.sfasu.edu> f_speerjr@ccsvax.sfasu.edu
writes:

>> "Correlation does not beget causation." Many people innocently confuse
>> correlation with causation; the media and certain groups do it aggressively
>> intentionally. For example, there is a correlation between those people
>> who have ham licenses and those who own handi-talkies. One cannot
>> conclude that having a ham license causes HT ownership.
>>
>> John De Armond, WD4QOC
>
>Right! Maybe having cancer causes one to be a ham. Sick people may migrate to
>more or less sedentary hobbies. Or maybe being physically inactive causes BOTH
>cancer AND hamming. I.e., physically inactive persons don't dispose so well of
>cancer-producing waste products AND they choose sedentary hobbies.
>
>Whenever you find A correlated with B, any of the following causal relations
>is possible:
>
> A -----> B
>
> B -----> A
>
>
> |--> A
> C -----|
> |--> B

You forgot an important case.

<-----A B----->

Neither phenomina causes the other, they're just related by coincidence.
This is by far the most common case for items with weak correlation.

Gary

--

| | | | | |
|-----------------------------|--|--------------|--|--------------------------|
| Gary Coffman KE4ZV | | You make it, | | gatech!wa4mei!ke4zv!gary |
| Destructive Testing Systems | | we break it. | | uunet!rsiatl!ke4zv!gary |
| 534 Shannon Way | | Guaranteed! | | emory!kd4nc!ke4zv!gary |
| Lawrenceville, GA 30244 | | | | |

Date: Sat, 30 Jan 1993 15:21:15 GMT
From: swrinde!news.dell.com!natinst.com!cs.utexas.edu!zaphod.mps.ohio-state.edu!
howland.reston.ans.net!paladin.american.edu!gatech!kd4nc!ke4zv!
gary@network.UCSD.EDU
To: info-hams@ucsd.edu

References <VBREAULT.93Jan28110412@rinhp750.gmr.com>,
<1993Jan28.212715.5551@ke4zv.uucp>, <VBREAULT.93Jan29174058@rinhp750.gmr.com>
Reply-To : gary@ke4zv.UUCP (Gary Coffman)
Subject : Re: No-codes

In article <VBREAULT.93Jan29174058@rinhp750.gmr.com> vbreault@rinhp750.gmr.com
(Val Breault) writes:

>

>They look for the things that are the most valuable to them. They look
>for the old photographs because no amount of sacrifice could replace
>them. They look for their treasures - their documents, musical instruments,
>radios, awards... the things they had to put forth the most to obtain.

Old photos and papers are treasured for their *sentimental* value
because they can't be replaced. They aren't valued for the sacrifice
required to obtain them. How hard is it to take a photograph?

>If you could carry out one armload of things from your own burning
>house, what would be in that armload? I dare say it would be those
>things that represents the greatest amount of personal sacrifice and
>not those things of greatest utility. I'd expect to see you carrying
>out trophies and photographs rather than shoes and underwear even though
>the shoes and underwear are of much greater utility.

Well the *first* things I'd grab would be my H&K-91 and AR-15. Then
I'd try to get my box of DC600 backups. My radios and computers are

obsolete enough I'd let the insurance company buy me more. Ditto for clothes. There's very little paper I keep on premises that I'd bother to retrieve. My driver's license, contractors license, diplomas, commercial and ham licenses, etc can be easily replaced. The gold is buried and I'd dig it up later after everyone had left. :-)

Gary

--

| | | | | |
|-----------------------------|--|--------------|--|--------------------------|
| Gary Coffman KE4ZV | | You make it, | | gatech!wa4mei!ke4zv!gary |
| Destructive Testing Systems | | we break it. | | uunet!rsiatl!ke4zv!gary |
| 534 Shannon Way | | Guaranteed! | | emory!kd4nc!ke4zv!gary |
| Lawrenceville, GA 30244 | | | | |

Date: 29 Jan 93 23:49:18 GMT
From: amdcad!netcomsv!bongo!julian@sun.com
To: info-hams@ucsd.edu

References <1993Jan26.213611.1709@miki.pictel.com>,
<1993Jan27.052120.21537@bongo.tele.com>,
<1993Jan29.030618.23672@anomaly.sbs.com>.Sun.C
Subject : Re: Unreal NoCodes

In article <1993Jan29.030618.23672@anomaly.sbs.com> kd1hz@anomaly.sbs.com (Michael P. Deignan) writes:

>julian@bongo.tele.com (Julian Macassey) writes:

>

>> You mean I have had an honest to goodness no-code licence (two
>>actually) longer than this myopic redneck has been an amateur of any
>>kind?

>

>Well, gee, Julian, do you normally just rely on a single source, or did
>you bother to check on a previous 2x3 call issued beforehand?

>

>Or, do you only condemn others who make gross generalizations?

If you had read my post, you would have noticed that I said that I had had a no-code longer than you had had any licence, unless of course you were licenced when you were seven years old. So, before accusing me of gross generalisations, read the post.

I was not interested how many times you cxhanged your call just your age. You may act like a redneck geezer, but you are younger than most of the progressive amateurs on this group.

Here are your licence details, if your birthdate is wrong and should be 1904 not 1964, please let the FCC know.

Call-Sign: KD1HZ Class: ADVANCED
Previously: N1LMB Class: TECHNICIAN
Real Name: MICHAEL P DEIGNAN Birthday: DEC 31, 1964
Mailing Address: 136 NELSON ST, PROVIDENCE, RI 02908
Station Address: SAME AS MAILING ADDRESS
Valid From: APR 14, 1992 To: APR 14, 2002
Records Last Processed: APR 14, 1992

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Julian Macassey at bongo. julian@bongo.tele.com Voice: (213) 653-4495
Paper Mail: 742 1/2 North Hayworth Avenue, Hollywood, California 90046-7142

End of Info-Hams Digest V93 #140
